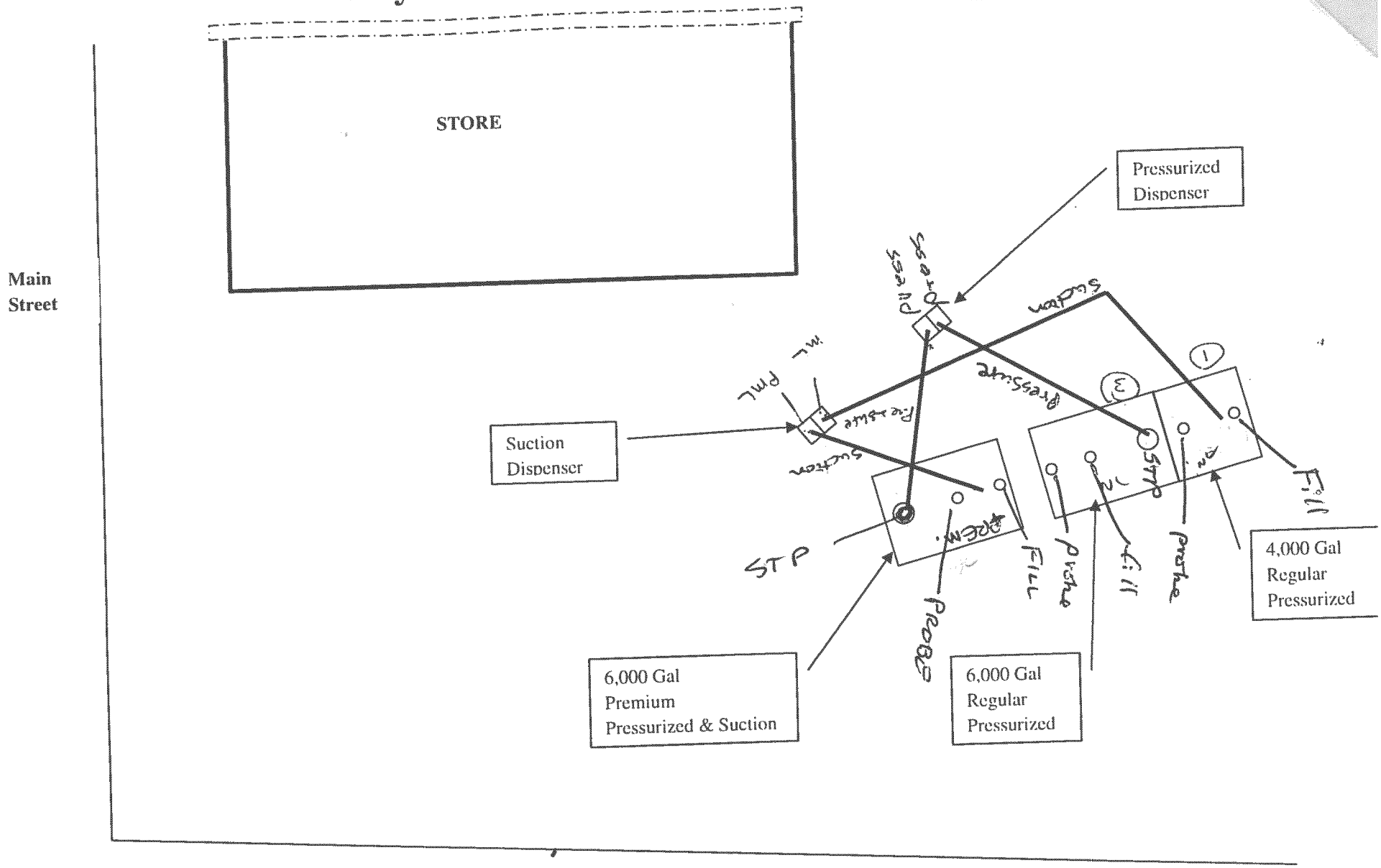
"old ex version" w.o Franklin ATG.

Layout of Morning Star Market (Draft)



SEPT 23-13

TANK 1
3 5029. gal

1 42.057 in.
3 41.6 in

AUTO LEAK TEST
TUE FEB 25,14 12:00:04 AM
STATION NAME:
MORNINGSTAR MARKET
124 NORTH MAIN
MAHNOMEN, MN 56386

MANIFOLDED TOTALS FOR:
TANK 1 PRODUCT: UNLEADED
TANK 3 PRODUCT: UNLEADED 2

LEAK RATE: 0.000 gal/hr
PASS 0.2 GPH TEST

START: MON FEB 24,14 11:55:01 PM
END VOLUME: 0.000 gal
END VOLUME: 0.000 gal
END VOLUME: 0.000 gal
END VOLUME: 0.000 gal
END: TUE FEB 25,14 12:00:04 AM

TANK 1 PRODUCT: UNLEADED

UNL.

LEAK RATE: 0.000 gal/hr
PASS 0.2 GPH TEST

PERCENT OF TANK TESTED: 44.7 %
START: MON FEB 24,14 11:55:01 PM
BEG FUEL LEVEL: 38.5461 in
BEG WATER LEVEL: 0.0135 in
0.000 gal, 32.00 °F
0.000 gal, 32.00 °F
0.000 gal, 32.00 °F
0.000 gal, 32.00 °F
END: TUE FEB 25,14 12:00:04 AM
END FUEL LEVEL: 38.5515 in
END WATER LEVEL: 0.0112 in

TANK 3 PRODUCT: UNLEADED 2

UNL.

LEAK RATE: 0.000 gal/hr
PASS 0.2 GPH TEST

PERCENT OF TANK TESTED: 43.2 %
START: MON FEB 24,14 11:55:01 PM
BEG FUEL LEVEL: 37.5378 in
BEG WATER LEVEL: 0.1316 in
0.000 gal, 32.00 °F
0.000 gal, 32.00 °F
0.000 gal, 32.00 °F
0.000 gal, 32.00 °F
END: TUE FEB 25,14 12:00:04 AM
END FUEL LEVEL: 37.4125 in
END WATER LEVEL: 0.1313 in

TANK 3 PRODUCT: UNLEADED 2

LEAK RATE: 0.003 gal/hr
PASS 0.2 GPH TEST

PERCENT OF TANK TESTED: 37.2 %
START: MON FEB 24,14 11:55:02 PM
BEG FUEL LEVEL: 37.5078 in
BEG WATER LEVEL: -0.1316 in
0.000 gal, 32.00 °F
0.000 gal, 32.00 °F
0.000 gal, 32.00 °F
0.000 gal, 32.00 °F
END: TUE FEB 25,14 12:00:04 PM
END FUEL LEVEL: 37.4128 in
END WATER LEVEL: -0.1313 in

AUTO LEAK TEST
TUE FEB 25,14 4:36:34 AM
STATION NAME:
MORNINGSTAR MARKET
134 NORTH MAIN
ASHTON, MN 56326

TANK 2 PREM.

TANK 2 PRODUCT: PREMIUM

LEAK RATE: -0.003 gal/hr
PASS 0.2 GPH TEST

PERCENT OF TANK TESTED: 30.0 %
START: MON FEB 24,14 11:55:02 PM
BEG FUEL LEVEL: 42.2478 in
BEG WATER LEVEL: 0.0109 in
[illegible].554 gal, 31.04 °F
[illegible].555 gal, 31.04 °F
[illegible].551 gal, 31.04 °F
[illegible].552 gal, 31.04 °F
END: TUE FEB 25,14 4:36:34 AM
END FUEL LEVEL: 42.2491 in
END WATER LEVEL: 0.0100 in

-------- AUTO LEAK TEST--------
TUE MAR 25,14 4:06:12 AM
STATION NAME:
MORNINGSTAR MARKET
124 NORTH MAIN
WAHKON, MN 56386

TANK 2 PRODUCT: PREMIUM

LEAK RATE: 0.001 gal/hr
PASS 0.2 GPH TEST

PERCENT OF TANK TESTED: 45.1 %
START: MON MAR 24,14 11:55:05 PM
BEG FUEL LEVEL: 30.3232 in
BEG WATER LEVEL: 0.3054 in
1,414.195 gal, 32.10 DEG
1,414.188 gal, 32.10 DEG
1,414.188 gal, 32.10 DEG
1,414.188 gal, 32.10 DEG
END: TUE MAR 25,14 4:06:12 AM
END FUEL LEVEL: 30.3278 in
END WATER LEVEL: 0.3106 in

-------- AUTO LEAK TEST--------
TUE MAR 25,14 12:30:03 AM
STATION NAME:
MORNINGSTAR MARKET
124 NORTH MAIN
WAHKON, MN 56386

MANIFOLDED TOTALS FOR:
TANK 1 PRODUCT: UNLEADED
TANK 3 PRODUCT: UNLEADED 2

LEAK RATE: 0.000 gal/hr
PASS 0.2 GPH TEST

START: MON MAR 24,14 11:55:03 PM
END VOLUME: 0.000 gal
END VOLUME: 0.000 gal
END VOLUME: 0.000 gal
END VOLUME: 0.000 gal
END: TUE MAR 25,14 12:30:03 AM
- - - - - - - - - - - - - - - -
TANK 1 PRODUCT: UNLEADED

LEAK RATE: 0.000 gal/hr
PASS 0.2 GPH TEST

PERCENT OF TANK TESTED: 55.9 %
START: MON MAR 24,14 11:55:03 PM
BEG FUEL LEVEL: 47.2216 in
BEG WATER LEVEL: 0.2118 in
0.000 gal, 32.00 DEG
0.000 gal, 32.00 DEG
0.000 gal, 32.00 DEG
0.000 gal, 32.00 DEG
END: TUE MAR 25,14 12:30:03 AM
END FUEL LEVEL: 47.2219 in
END WATER LEVEL: 0.2123 in
- - - - - - - - - - - - - - - -
TANK 3 PRODUCT: UNLEADED 2

LEAK RATE: 0.000 gal/hr
PASS 0.2 GPH TEST

PERCENT OF TANK TESTED: 57.3 %
START: MON MAR 24,14 11:55:03 PM
BEG FUEL LEVEL: 46.3351 in
BEG WATER LEVEL: 0.1739 in
0.000 gal, 32.00 DEG
0.000 gal, 32.00 DEG
0.000 gal, 32.00 DEG
0.000 gal, 32.00 DEG
END: TUE MAR 25,14 12:30:03 AM
END FUEL LEVEL: 46.3351 in
END WATER LEVEL: 0.1737 in

Issue Date: November 22, 1995
Revision Date: April 6, 2010

Franklin Fueling Systems
(originally listed as EBW, Inc.)

AutoStik II, AutoStik Jr.
(Magnetostrictive Probe)

AUTOMATIC TANK GAUGING METHOD

As of April 1, 2009, Franklin Fueling systems no longer manufactures this method.

Certification	*Applies only to AutoStik II and AutoStik Jr. models sold before March 1, 2004.* Leak rate of 0.2 gph with PD = 99.9% and PFA = 0.1%. Leak rate of 0.1 gph with PD = 98.3% and PFA = 1.7%.
Leak Threshold	0.1 gph for leak rate of 0.2 gph. 0.05 gph for leak rate of 0.1 gph. A tank system should not be declared tight if the test result indicates a loss or gain that equals or exceeds this threshold.
Applicability	Gasoline, diesel, aviation fuel, fuel oil #4. Other liquids with known coefficients of expansion and density may be tested after consultation with the manufacturer.
Tank Capacity	Maximum of 15,000 gallons. Tank must be between 50 and 95% full.
Waiting Time	Minimum of 6 hours between delivery and testing. Minimum of 6 hours between dispensing and testing for leak of 0.2 gph. Minimum of 2 hours between dispensing and testing for leak of 0.1 gph. There must be no delivery during waiting time for leak of 0.2 gph. There must be no dispensing or delivery during waiting time for leak of 0.1 gph.
Test Period	Minimum of 4 hours. Test data are acquired and recorded by system's computer. Leak rate is calculated from average of subsets of all data collected. There must be no dispensing or delivery during test.
Temperature	Average for product is determined by a minimum of 5 thermistors.
Water Sensor	Must be used to detect water ingress. Minimum detectable water level in the tank is 0.49 inch. Minimum detectable water level change is 0.0052 inch.
Calibration	Thermistors and probe must be checked and, if necessary, calibrated in accordance with manufacturer's instructions.
Comments	Not evaluated using manifolded tank systems. Therefore, this certification is only applicable when there is a probe used in each tank and the siphon is broken during testing. Tests only portion of tank containing product. As product level is lowered, leak rate in a leaking tank decreases (due to lower head pressure). Consistent testing at low levels could allow a leak to remain undetected.

EPA leak detection regulations require testing of the portion of the tank system which routinely contains product.
AutoStik Jr. is used with up to 4 magnetostrictive probes and can handle up to 8 input sensors.
AutoStik II is used with up to 16 magnetostrictive probes and can handle up to 64 input sensors.

Franklin Fueling systems
3760 Marsh Road
Madison, WI 53718
Tel: (800) 225-9787
E-mail: info@franklinfueling.com
URL: www.franklinfueling.com

Evaluator: Ken Wilcox Associates
Tel: (816) 443-2494
Date of Evaluation: 08/20/93

| **Home** | **Vendors: A - F** | **Vendors: G - M** | **Vendors: N - S** | **Vendors: T - Z** | **Method Index** | **Glossary** |